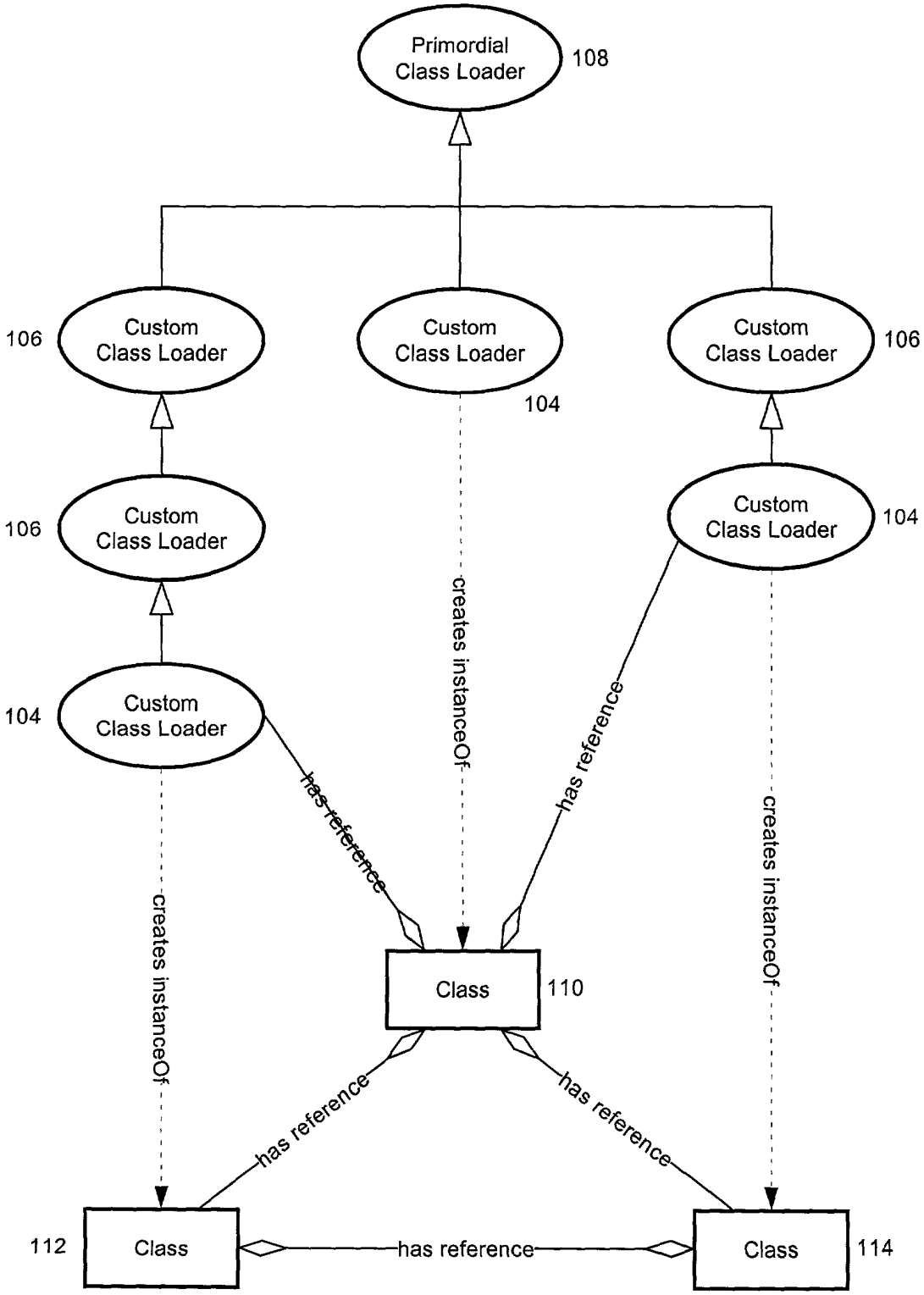
Primordial Class Loader
108
Custom Class Loader
106
Custom Class Loader
104
Custom Class Loader
106
Custom Class Loader
106
Custom Class Loader
104
Custom Class Loader
104
creates instanceOf
has reference
has reference
creates instanceOf
creates instanceOf
Class
110
has reference
has reference
112
Class
has reference
Class
114

FIG. 1

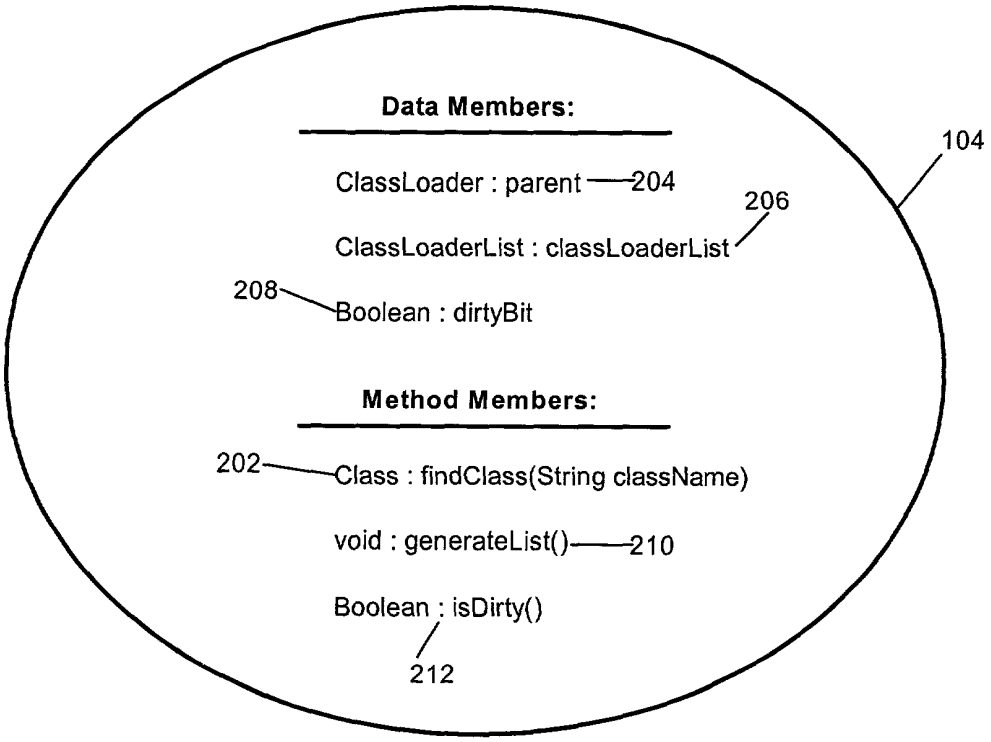
Data Members:
ClassLoader : parent
204
206
ClassLoaderList : classLoaderList
208
Boolean : dirtyBit
104
Method Members:
202
Class : findClass(String className)
void : generateList()
210
Boolean : isDirty()
212

FIG. 2

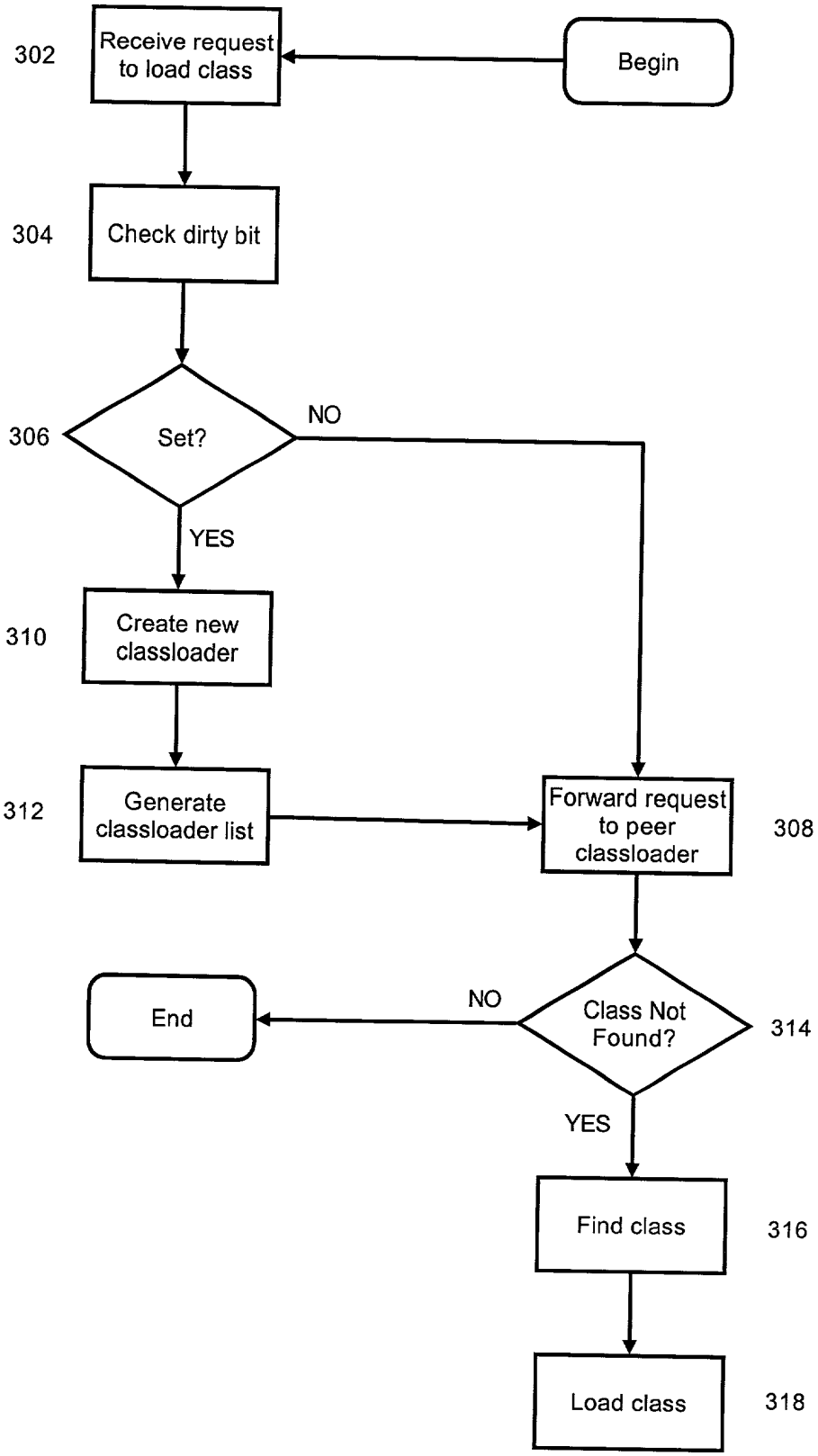
Begin
302
Receive request to load class
304
Check dirty bit
306
Set?
NO
YES
310
Create new classloader
312
Generate classloader list
Forward request to peer classloader
308
End
NO
Class Not Found?
314
YES
Find class
316
Load class
318

FIG. 3